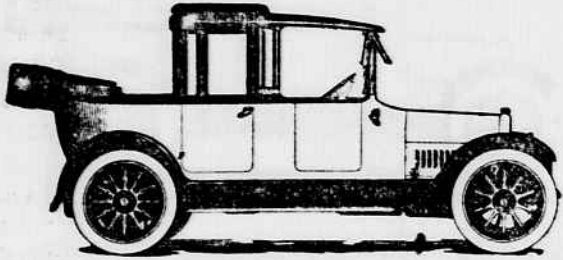




Cadillac Landaulet



The exquisite charm of the Cadillac Landaulet is not merely a matter of fine coach work. With the super-smoothness of the Cadillac eight-cylinder engine, the yielding springs, the deep, soft upholstering, the quiet richness which surrounds you; mind and body are enveloped in an indescribable sense of relaxation and ease, almost oblivious to the mechanical means which gives you motion.

The Cook & Stoddard Company

1138-40 Connecticut Ave.

Phone North 7810



SECRET COMPOUNDS ARE USED IN MOTORS

British Products Are Declared to Be Only 50 Per Cent Gasoline.

RECORD OF IMPORTATIONS

According to Consul General Skinner of London, the British are using secret compounds for automobile fuel which are only 50 per cent gasoline. He says the imports of petroleum products into the United Kingdom in the year 1915 reached in round figures 475,000,000 gallons, or over 1,700,000 tons, compared with 460,000,000 gallons in 1914 and 424,000,000 gallons in 1913, exclusive of admiralty requirements other than motor spirit and (since August, 1914) of the vast quantities of petroleum products imported by the government for its own use.

Taking into consideration the import figures of gasoline alone, with which this report is more immediately concerned, it appears that in the year 1915 the United Kingdom imported 116,000,000 gallons of motor spirit, being 29,000,000 gallons in excess of the preceding year and 40,000,000 gallons more than in the year 1913. It is of interest to note that of the total recorded importation of motor spirit in 1915, practically one-half came from the United States and Mexico, and nearly all of the remainder from the far east.

Seek Fuel Substitutes.

This being the statistical position, numerous inventors set to work to find efficient fuel substitutes for the use of motor vehicles. Among these substitutes, the new lightning motor fuel, which is designated a "British" product, although all its ingredients have to be imported from foreign countries, may be mentioned. The sole control for the sale of this new motor fuel has been placed in the hands of the Owner-Drivers' Branch of a well known trade union (the London and Provincial Licensed Vehicle Workers), which has charge of 2,000 cabs out of the 5,000 still in the London streets. Its secretary stated that a first order of 100,000 gallons of the substitute having proved satisfactory, a further order of 200,000 gallons had been placed with the makers by the Owner-Drivers' Branch. It is claimed that the price for the substitute is 50 per cent below that for gasoline (roughly, 37 cents a gallon against 73 cents). It consists of 50 per cent of petrol and 50 per cent of chemicals, the nature of which is, however, kept secret.

Interesting Facts Obtained.

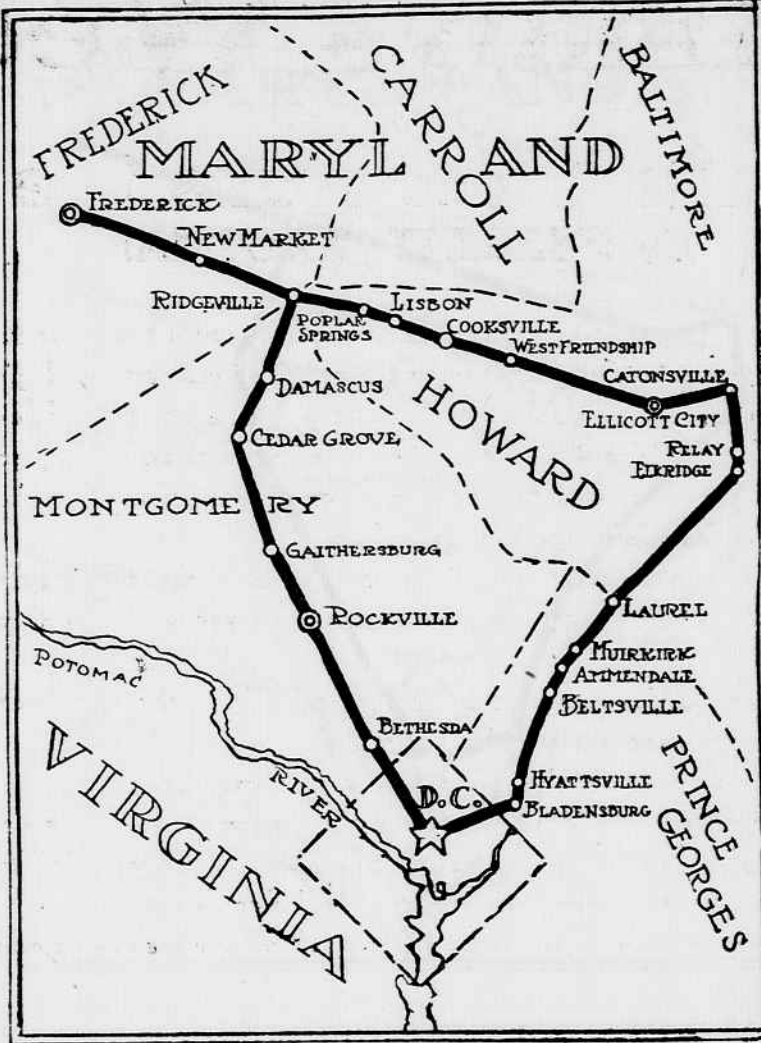
In connection with a second substitute, which seems to be attracting some attention in trade circles, the following interesting facts were obtained:

"As regards other substitutes for petrol, I am unable to express an opinion; the new lightning motor fuel is quite new, and may not come up to all that is claimed for it. We ourselves are making a substitute, which is an intermediate between petrol and oil, has a flash point, and is not under the petrol control committee, being an oil and not a spirit. It can also be stored like ordinary lamp oil. The car is first started with petrol and then runs along on our substitute. Some omnibus companies are mixing petrol with paraffin, but it is inconvenient, smelly and affects the metal parts. "To return to substitutes, they are certain, if efficient, to keep the market after the war, as they will always be cheaper than pure petrol. We are paying 42 (\$9.75) and over per barrel for freight or 412 (\$54.50) a ton (six barrels to the ton); this freight is likely to rise. The substitute you mentioned is probably made of some tar product mixed with petrol, but benzol, though a tar product, being commanded by the government, is not likely to be used. "If pleasure riding were stopped altogether, it would relieve the situation somewhat."

Three Substitutes Made.

A few days ago there appeared in a London evening paper a short description of a new substitute which was deemed of sufficient interest to merit closer inquiry. In an interview one of

ROUTE OF MOTOR TRIP SUNDAY IN MARYLAND



NEW COURSE AT UNIONTOWN.

Speedway, With Oval Design, to Be Opened Thanksgiving Day.

Another link in the circuit of automobile speed courses will be made on Thanksgiving day with the inaugural races on a speedway that is rapidly being completed at Uniontown, Pa.

While the Pennsylvania course is being opened too late to be included in the American Automobile Association championship award events of 1916, it is scheduled to play a prominent part in the leading motor races of the future. As it is, the Thanksgiving day contest will undoubtedly furnish one of the most interesting speed fights of the year. The entries secured to date by Neil Whalen, director of contests, being of a high caliber. A number of the cars and drivers that competed in the recent record-breaking race at Sheepshead Bay have already been entered for the main event of the Uniontown meet.

The Uniontown speedway is of the board type of construction, similar in principle to the courses at New York and Chicago, upon which all world speedway records have been shattered. It is a one and an eighth mile oval, designed to permit the racing of cars at maximum of speed with a minimum of danger.

WANTS ITS NAME CHANGED.

American Auto Racing Association Applies to District Court.

The American Auto Racing Association has applied to the District Supreme Court for permission to change its name to the Middle Atlantic Motor Association, Inc. The company tells the court that the similarity of its present name with the American Automobile Association is confusing and the matter for the two concerns sometimes gets mixed. The American Automobile Association, it is stated in the petition, has refused to license the local corporation to hold future contests under its auspices. The change of name is, therefore, considered desirable by the company's president, Raphael Semmes.

Putting Him Right.

From the Boston Globe. Guest—A broiled chicken, with ceremony! Waiter—Celery, sir, his the way hits pronounced, sir.

SAYS BETTER HIGHWAYS INCREASE LAND VALUES

Federal Bulletin Also Shows How They Have Helped School Attendance.

Increases of land value ranging from 25 to 194 per cent, and reduction of hauling costs from 33 1/2 cents per ton mile to 15-17 cents, due directly to road improvement in eight counties, prove conclusively that dirt is not cheap, when that dirt is on the highways. These and a number of other inter-

esting and important facts are presented in a bulletin just issued by the Department of Agriculture under the title, "Economic Surveys of County Highway Improvement." The work is an analysis of results obtained from road improvement in four counties in Virginia and one each in New York, Alabama, Florida and Mississippi, during a period of five years.

Following improvement of the main market roads, the selling price of tillable lands served by the roads increased from one to three times the total cost of the improvements.

Savings in Hauling Costs.

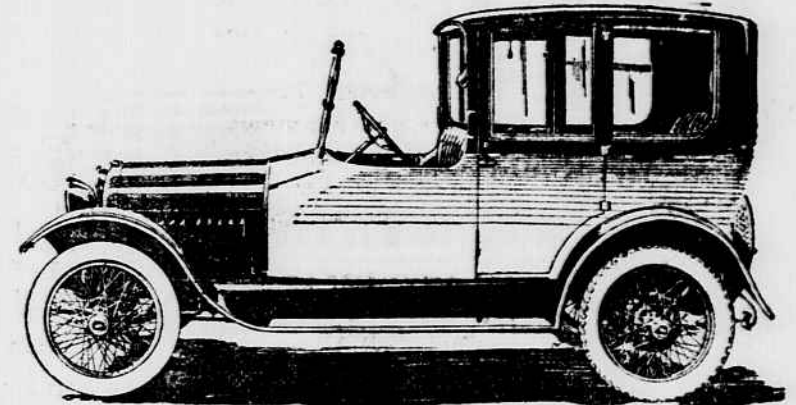
The gross annual saving in hauling costs due to the good roads amounts to \$627,499 for a traffic of about three and one-half million ton miles, while the net saving, after deducting the cost of interest and principal for road

work, averages 11.6 cents per ton mile for hauling. Before the roads were improved the average school attendance was sixty-six pupils in each 100 school. Improved with seventy-six after improvement. Thus, ten more children in every 100 are enabled to secure an education as a result of better roads.

Restricted Range.

From the Chicago Herald. Marie, supple and slender, and Aunt Clara, bulky and benign, had returned from a shopping expedition, during which each had been trying to buy a ready-made suit. At the house Marie was asked what success each had had in her efforts to be fitted. "I got along very well," said Marie, "but Aunt Clara is getting so fat that about all she can get ready-made is an umbrella."

Velie

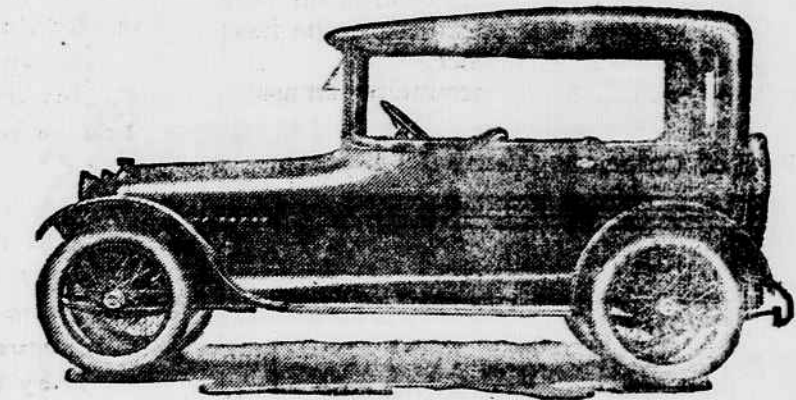


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Genuine Springfield Sedan

On the Famous "Biltwel" Chassis



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DISTRICT OFFICE

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1136 Connecticut Avenue Northwest

Rare Opportunity to Secure Bargains in Slightly Used Cars

- 1 1916 Four-cylinder Oldsmobile five-passenger touring; good as new and guaranteed for one year; equipped with famous Delco lighting, starting and ignition system\$875.00
- 1 1916 Four-cylinder Oldsmobile touring; equipped with SEDAN TOP; good as new and guaranteed for one year. Also equipped with famous Delco lighting, starting and ignition system\$1,045.00
- 1 Four-cylinder Oakland cabriolet; condition nearly as good as new; guaranteed for one year; equipped with the famous Delco lighting, starting and ignition system; a bargain at\$750.00
- 1 Five-passenger Buick touring car\$400.00
- 1 Buick roadster\$400.00
- 1 Kline touring car; splendid condition; equipped with Bosch magneto and electric self-starter and lighting system. Offered at sacrifice\$400.00

Demonstrations Will Be Given on Request

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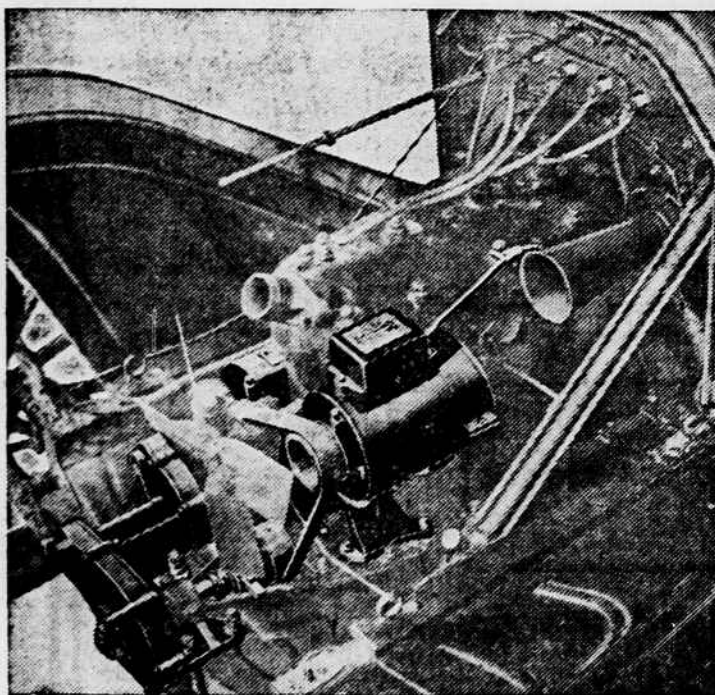
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Price Installed.....\$85.00

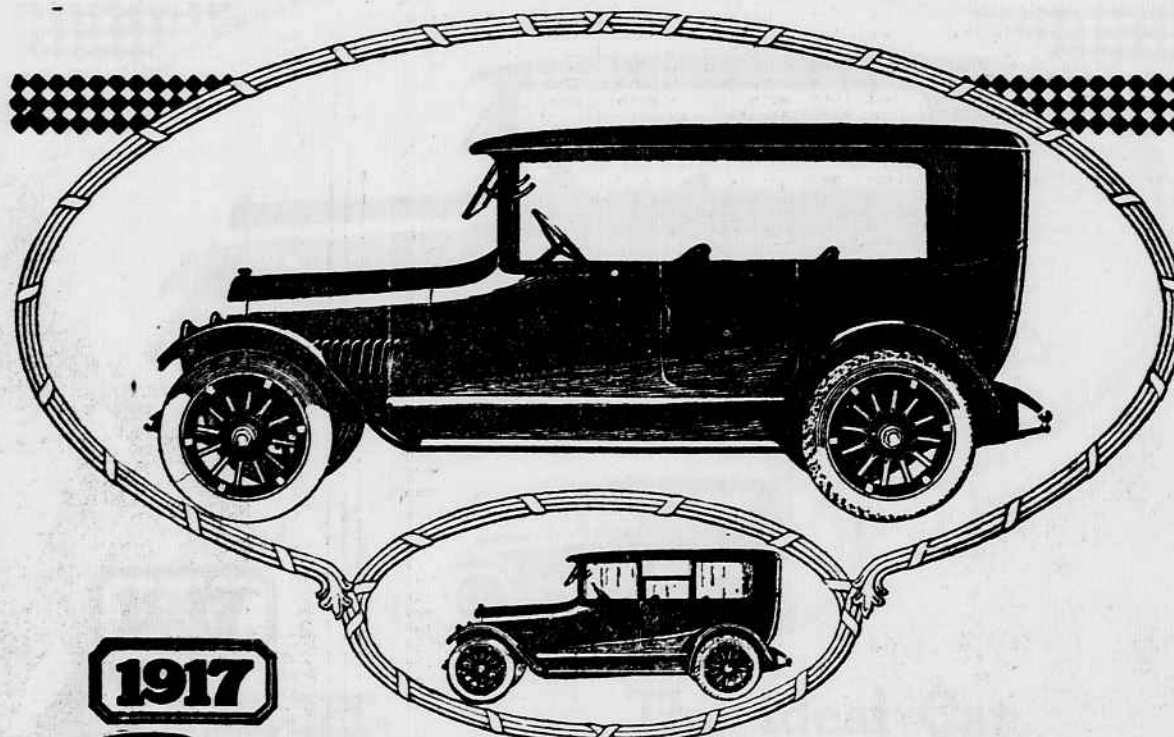
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Cole-Springfield Body

Made in Springfield, Mass.

Seven Passenger Cole-Springfield Tour Sedan\$2195

Four Passenger Cole-Springfield Tour Sedan\$2195

7 Passenger Cole Eight Touring Car and 4 Passenger Cole Eight Touring Roadster\$1595

All prices f.o.b. Factory

Subject to advance

January 1, 1917

The Ideal Car For Any Purpose

Summer or winter—rain or shine—day or night—any time, or any place, you'll find this seven passenger Cole-Springfield Tour Sedan a car eminently suited for immediate, practical use.

It is actually an open car and closed sedan in a single unit. And it has all the advantages of both types with an all-round comfort and utility possessed by neither. A minute or two is all you need to make the change from open to closed or vice-versa. No work—no effort. Closed, the car has the appearance and luxury of a per-

manently enclosed vehicle. Open, you have the airy freedom of a touring car. Wind-downs and uprights are all stored completely out of sight. Only the top is permanent.

No other type of body provides such all-weather comfort—such a wealth of luxury.

Under this body is the famous Cole Eight Chassis, with its wonderful 70 horsepower motor—the most advanced automobile power plant ever developed.

See this Cole-Springfield model. We will demonstrate.

THE HENDERSON-ROWE AUTO CO.

Phone Main 3543

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9 OUT OF EVERY 10 AUTOMOBILES

Satisfactory service to the owner is the first consideration of good motor car construction.

No better proof of the good service of Hyatt Bearings could be offered than their continued use by these manufacturers who make ninety per cent of all motor cars built.

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Bell	Postoria	Martin	Primrose
Biddle	Grant	Maxwell	Pullman
Bout-Davis	Great Western	Mecca	R.C.H.
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Bush	Halladay	Moline Knight	Richmond
Cadillac	Harvard	Monitor	Roamer
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Chalmers	Haydock	Moore	Saxon
Chandler	Herr-Brooks	Murray	Scrappy-Booth
Chevrolet	Hollier	National	Spina
Coe-Flyer	Hudson	Nelson	Standard
Cole	Hupmobile	Nelson	Stearns-Knight
Crow-Elkart	Imperial	New Era	Stearns
Crowther	Interstate	Nigara	Stutz
Davis	Jackson	Oakland	Sun
Dixie	Jeffery	Oldsmobile	Trumbull
Dort	Yones	Overland	Velle
Dupont	Keaton	Packard	Westcott
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Elco	Kissel Kar		Woods

Motor Trucks

Armleder	Federal	Lawson	Pullman
Atlas	G-M-C	Lincoln	Reo
Avila	Globe	Lippard-Stewart	Republic
Bessmer	Gramm-Utility	Little Giant	Rochester
Brookway	Haasall	M. & C.	Rush
Buick	Hatfield	Martin	S. & S.
Burford	Henderson	Maxim	Sanford
Cadillac	Hendrickson	Menominee	Selden
Chase	Hercules	Mercury	Signal
Clark	Hornor	Modern	Stewart
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Commerce	Jeffery	Ottumwa	Superior
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Denno	Kissel	Palmer-Moore	Vim
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Fargo	Lane	Pierce-Arrow	Wilson

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